



MATERIAL SAFETY DATA SHEET

MSDS: CHAMPION® MSDS 1430 SERIES DOT 5 BRAKE FLUID

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHAMPION® MSDS 1430 SERIES DOT 5 BRAKE FLUIDS

Synonyms:

4843H (BPI # SBF-1) RAYBESTOS BRAKE FLUID DOT 5

Company Identification

Champion Brands, L.L.C., 1001 Golden Drive, Clinton, MO 64735

PHONE: 800-821-5693 WEBSITE: www.championbrands.com

CAS Registry Number Not Applicable

Synonyms None

Generic/Chemical Name Mixture

Product Type Brake Fluid

Preparation Date May 18, 2006

Transportation Emergency Response

CHEMTREC: (800) 424-9300

Product Information

Product Information and MSDS Requests: (800) 821-5693 and www.championbrands.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

| COMPONENTS | CAS NUMBER | AMOUNT |
|--------------------------|------------|---------------------------|
| Polydimethylsiloxane | 63148-62-9 | Trade Secret (Non-HAZARD) |
| Tributylphosphate | 126-73-8 | < 3.0% %w/w |
| Di-2-Ethythexyl Sebacate | 122-62-3 | Trade Secret (Non-HAZARD) |

SARA Title III Hazard Classification:

- Immediate (Acute) Health Hazard
- Delayed (Chronic) Health Hazard
- Fire Hazard
- Sudden Release of Pressure Hazard
- Reactive Hazard

WARNING STATEMENTS: MAY CAUSE SKIN AND EYE IRRITATION.

3. PHYSICAL DATA

Melting Point (°F): Not Applicable
Boiling point (°F): Not Applicable
Vapor Pressure (mmHg at 20°C): Not Applicable
Vapor Density (Air=1): Not Applicable
Solubility in Water: Insoluble
Specific Gravity: 0.958 @ 25°C
Evaporation Rate (Butyl Acetate=1): Not Applicable
% Volatile by Volume: Not Applicable
Appearance/Odor: Blue, Viscous liquid/odorless
Viscosity: 42.7 mm /s

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point (F)/Method: 402/COC
Flammable Limits: LFL Not Applicable UFL Not Applicable

Extinguishing Media: () Water Fog (x) Foam
 (x) Dry Chemical (x) CO
 () Other (specify):
Special Fire Fighting Procedures: Wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Cool containers exposed to fire with water.
Unusual Fire And Explosion Hazards: None

5. REACTIVITY DATA

Stability: () Unstable (x) Stable
Conditions to avoid: Avoid Heat and open flame.
Incompatibility (materials to avoid):
 () Water (x) Strong Acids (x) Strong Bases
 () Reducing agents (x) Strong oxidizing materials () Combustible Materials
 () Other (Specify):
Hazardous Decomposition Products or Byproducts: On Combustion, silica and oxides of carbon are emitted.
Hazardous polymerization: () May occur (x) Will not occur
Conditions to Avoid: Not applicable

6. HEALTH HAZARD DATA & FIRST AID

EXPOSURE LIMITS IN AIR

| Chemical Name(s) | AOGTH (TWA) | OSHA (TWA) | OTHER |
|-------------------|------------------------|------------|------------------------|
| Tributylphosphate | 0.2 ppm (2.2 mg/m) | | 0.2 ppm (2.5 mg/m) |

EFFECTS OF SINGLE OVEREXPOSURE

Swallowing: Low Acute Oral Toxicity. (1) No deaths in rats were observed at 5000 mg/kg for polydimethylsiloxane. (2) For Tributylphosphate, acute oral/rat LD50: 3000 mg/kg.

Skin Absorption: Animal tests for similar polydimethylsiloxane fluids suggest very, low acute dermal toxicity. (1) Tributylphosphate may be absorbed through the skin.

Inhalation: This is a viscous fluid that does not easily form a mist or vapor and, therefore, inhalation hazards are minimal.

Skin Contact: Polydimethylsiloxane fluids are non-irritating to intact and abraded rabbit skin. (1) Tributylphosphate can cause skin irritation.

Eye Contact: Polydimethylsiloxane fluids are non-irritating to rabbit eyes. (1) Tributylphosphate can cause eye irritation.

EFFECTS OF REPEATED OVEREXPOSURE: No data Found.

CARCINOGENICITY: This product does not contain any ingredient by IARC, NIP, ACGIH or OSHA as a probable human carcinogen.

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO MAN: No data found.

MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY OVEREXPOSURE: No data found

FIRST AID PROCEDURES:

EYES: In case of contact, wipe off excess with a clean gauze pad or cotton and then flush eyes with plenty of water for at least 15 minutes using an eyewash fountain. Lift upper and lower lids and rinse well under them. Get medical attention if irritation develops or persists.

SKIN: In case of contact, wipe off excess with a clean cloth and then wash with soap and plenty of water. Get Medical attention if irritation develops or persists.

INHALATION: Although it would be difficult to inhale this product, seek medical attention if it should occur.

INGESTION: If swallowed and victim is fully conscious, induce vomiting immediately by giving two glasses of water and sticking finger down throat. GET IMMEDIATE MEDICAL ATTENTION.

NOTE TO PHYSICIAN: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Treat symptomatically. No specific information found.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wear appropriate protective gear. Absorb onto vermiculite. Sweep up into appropriate container. Wash spill area after material pickup is complete with an appropriate solvent like paint thinner.

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal regulations.

HANDLING AND STORAGE: Store at room temperature in tightly closed containers. Avoid direct or prolonged contact with skin and eyes. Wash hands thoroughly after handling. Do not rub eyes with soiled hands. Do not eat, drink or smoke in the work area.

OTHER PRECAUTIONS: None found.

8. CONTROL MEASURES AND WORKER PROTECTION INFORMATION

Respiratory Protection (specify type): No special respiratory protection required for product as sold.

Ventilation: Provide adequate ventilation.

Protective Clothing: Work clothing, gloves.

Eye Protection: (x) Safety Glasses with Side Shields
() Chemical workers goggles.
() Gas-tight goggles or equivalent.
() Other (specify):

Other Protective Equipment: Maintain a sink, safety shower and eyewash fountain in the work area.

9. REGULATORY STATUS

TSCA Inventory Status: Product is listed on the TSCA Inventory.

Transportation Status: Not regulated.

Reportable Quantity RO, under U.S. EPA CERCLA: Not applicable.

Specifically Listed under SARA Title III:

- () Section 302 Extremely Hazardous Substances
- () Section 313 Toxic Chemicals
- (x) Not Listed

State/International Right-to-Know Regulations:

Tributylphosphate

| | |
|-----------------------|-----------------------|
| California: | Not Listed |
| Connecticut: | Not Listed |
| Florida: | Toxic |
| Illinois: | Toxic |
| Louisiana: | RTK |
| Massachusetts: | TRK; Spill RQ 100 lb. |
| New Jersey: | RTK ID# 1880 |
| New York: | Not Listed |
| Pennsylvania: | RTK |
| Rhode Island: | HAZ Toxic |
| Canada: | Nonc. 1%; No. 1597 |

10. TRANSPORTATION REQUIREMENTS

SILICONE BRAKE FLUID CAS #63-148-62-9

FREIGHT CLASSIFICATION #30040 Brake Fluid other than petroleum Class 70.

PRODUCT NON-HAZARDOUS-NOT REGULATED.

10. DISCLAIMER

NFPA RATINGS: Health: 1 Flammability: 1 Reactivity: 0

HMIS RATINGS: Health: 1 Flammability: 1 Reactivity: 0

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *-Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

REVISION STATEMENT: Revision updates many sections and the MSDS should be read in its entirety.

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

| | |
|---|--|
| TLV - Threshold Limit Value | TWA - Time Weighted Average |
| STEL - Short-term Exposure Limit | PEL - Permissible Exposure Limit |
| | CAS - Chemical Abstract Service Number |
| ACGIH - American Conference of Government Industrial Hygienists | IMO/IMDG - International Maritime Dangerous Goods Code |
| API - American Petroleum Institute | MSDS - Material Safety Data Sheet |
| CHA - Champion LLC | NFPA - National Fire Protection Association (USA) |
| DOT - Department of Transportation (USA) | NTP - National Toxicology Program (USA) |
| IARC - International Agency for Research on Cancer | OSHA - Occupational Safety and Health Administration |

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by Champion LLC, 1001 Golden Drive, Clinton, Missouri 64735.

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